



SCHÖNOX® K 775

Solvent-based universal adhesive for all types of wood flooring

suitable for bonding parquet according to DIN 280 on suitable substrates in interior areas.

Product characteristics

- for interior use
- suitable on underfloor heating systems
- ready for use
- easily spread
- optimum ridging
- high shear strength
- short open time
- rapid development of bonding strength
- fulfils the requirements of DIN 281

Applications

SCHÖNOX K 775 is suitable for bonding:

- block parquet, strip parquet
- mosaic parquet
- parquet blocks
- woodblock
- suitable solid, double or triple layer composite parquet
- solid floorboards
- 10 mm solid parquet (till 5 x 25 cm)
- untreated, level cork sheets, single or multi-layer,
- on suitable absorbent substrates in interior areas.

Requirements of substrate

- Subfloors must be smooth, sound, clean, dry and free of any contaminants which may hinder adhesion.
- Surface treatments or any "friable" areas of the subfloor must be mechanically removed and the subfloor repaired with SCHÖNOX levelling compounds as required.
- Subfloor should have an effective damp proof membrane.
- With subsequent laying of floor coverings, where moisture readings are above 75%RH, as tested with a properly calibrated hygrometer or > 2.0 CM% then application of SCHÖNOX EG may be used to suppress residual moisture (see data sheet) Gypsum screeds should have a reading of < 0.5 CM%.
- The requirements of DIN 18 356 "Parquet work" and DIN 18 367 "Wood block work" are applicable.
- Sound, even surfaces are achieved by using SCHÖNOX PS-RAPID (layer-thickness at least 2) mm or SCHÖNOX FPL PLUS (above 5 mm layer-thickness). A final priming is not necessary.
- Refer to special substrate requirements for parquet work: Property class of screed at least C20 and Hardness Class IC10/IC15; see also BEB Data Sheet on Determination of Adhesive Strengths of Floors (11/04).

- Refer to the parquet manufacturer's technical product information for parquet substrate requirements.
- Highly absorbent cement and gypsum screeds should be grinded, vacuumed and primed with SCHÖNOX VD diluted 1:3 in parts per weight. In some cases a previous levelling is necessary.
- Old adhesive residues and levelling layers must be removed.
- Mastic asphalt screeds according to DIN 18354 and DIN 18560 should not be primed.
- Chipboard V 100 - laid according to DIN 68771 - must be primed with SCHÖNOX VD diluted 1:1 in parts per weight.
- Magnesite-bound substrates with mineral additives must be primed with SCHÖNOX EG and SCHÖNOX SHP and levelled with SCHÖNOX PS-RAPID or SCHÖNOX FPL PLUS (see data sheets).
- The substrate requirements according to DIN 68 702 apply to wood block flooring.
- The requirements of the relevant valid standards, BS CP102, BS 8201, guidelines and data sheets apply.

Technical data

- | | |
|---------------------------------|---|
| ● basis | synthetic resin |
| ● color | beige |
| ● density | 1.49 kg/l |
| ● storage temperature | not below +0 °C (bring packaging before working to room temperature and stir well) |
| ● working temperature | not below +18 °C, not above 65% rel. air humidity |
| ● material consumption/coverage | notched trowel TKB B3, B6, B10
approx. 700 - 750 g/m ²
(1.33 - 1.5 m ² per kg)
notched trowel TKB B11, B15
approx. 1000 - 1200 g/m ²
(0.83 - 1 m ² per kg) |
| ● waiting time | none |
| ● skin formation | after approx. 30 min |
| ● open time | approx. 10 min |
| ● curing time | approx. 24 hours |
| ● final strength | after approx. 72 hours |

All values are approximate, are subject to local climatic fluctuations and vary according to the evenness of the substrate and to the applicator device.

SCHÖNOX® K 775

Recommended method of working

- Before working verify if there is the technical imperative to use SCHÖNOX K 775 or if it is possible to work with SCHÖNOX MS-ELASTIC. Follow the technical standards for hazardous materials according to TRGS 610.
- Wear protective gloves and protective goggles.
- SCHÖNOX K 775 is a light solvent-based synthetic resin parquet adhesive and should be stirred before use.
- Parquet that is bonded with SCHÖNOX K 775 should be conditioned and requires a wood humidity of $9\% \pm 2\%$ (composite parquet $8 \pm 2\%$, wood block 8 to 12 %) determined by DIN 52 183.
- SCHÖNOX K 775 should only be used at temperatures above $+ 18\text{ °C}$. The ideal working temperature is from $+ 18$ to $+ 22\text{ °C}$ and the ideal substrate temperature above $+ 15\text{ °C}$.
- Apply the adhesive evenly on the substrate with a notched trowel. Only apply as much adhesive as can be laid with parquet within approx. 10 minutes. Recommended trowel sizes: TKB B3, B6, B10, B11, B15.
- Lay the parquet directly into the adhesive bed with a gentle to and fro movement, tap it firmly and if necessary weigh it down. Ensure adequate wetting.
- Sand and seal only after the adhesive is fully cured.

Packaging

- 20.0 kg steel pail

Storage

- Store SCHÖNOX K 775 in a dry, cool, frost-free conditions.
- Storage life 6 months.
- Containers that have been opened should be closed immediately.

Disposal

- Empty containers, scraped-out, drip-free and dispose of in accordance with the regulations.

GISCODE

- S1 – highly solvent-based adhesives, free of condiment and methanol

Hazard class

- GefStoffV.: F Highly flammable

Hazard instructions

- R11 Highly flammable

Safety instructions

- S 2 Keep out of the reach of children.
- S 9 Keep container in a well-ventilated place.
- S 16 Keep away from sources of ignition - No smoking.
- S 29 Do not empty into drains.
- S 33 Take precautionary measures against static discharges.
- S 46 If swallowed, seek medical advice immediately and show this container or label.
- S 51 Use only in well-ventilated areas.

Instructions

- Product is exclusively suitable for skilled workers. In case of inappropriate application exists explosion risk and therefore danger of life! The product is easily flammable and the emerging gas-air-mixture explosive. According to the safety instructions therefore a processing is only possible in well ventilated areas. At application on large surfaces and as far as third party might get into contact with working premises, caution labels with "Attention explosion risk/fire danger! To enter with fire, smoking as well as the use of ignition sources is strictly forbidden!" must be deposited in a sufficient distance.
- Improper longer inhalation can lead to health damages. Attention should be paid to the safety data sheet and instructions of the government safety association.
- Clean tools and adhesive spots immediately with a solvent-based thinner.
- Dried-in adhesives residues spots should be removed mechanically.
- The laying instructions of the parquet manufacturer should be followed. If in doubt, we recommend testing a small area.



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The SCHÖNOX management system is certified to ISO 9001 and 14001 by DQS.

The applicable recommendations, guidelines, DIN regulations and safety data sheets are to be observed, together with the recognised architectural and engineering regulations. We guarantee that our products leave the factory in perfect condition. While our recommendations for use are based on tests and practical experience, they can only provide general guidance without any assurance as to product characteristics, since we have no influence over the conditions on site, the execution of the work or the method of processing. This product data sheet supersedes all previous editions.